

GOLDSBORO URBAN AREA PLANNING WORK PROGRAM

**FISCAL YEAR 2016
JULY 1, 2015 - JUNE 30, 2016**



**CITY OF GOLDSBORO
COUNTY OF WAYNE
VILLAGE OF WALNUT CREEK
TOWN OF PIKEVILLE
NORTH CAROLINA DEPARTMENT OF
TRANSPORTATION**

Adopted by Transportation Advisory Committee on:

GOLDSBORO 2015-2016 UPWP NARRATIVE

UPWP Overview

The 2015-2016 Planning Work Program (PWP) outlines the tasks and associated funding sources to include activities that will permit the City of Goldsboro, the Village of Walnut Creek, Town of Pikeville, Wayne County and the North Carolina Department of Transportation to continue transportation planning for the Goldsboro Urban Area. The goal of the MPO is to ensure a continuing, cooperative, and comprehensive ("3-C") approach for transportation planning for the metropolitan area, both short and long-range. Depending on the specific funding source, tasks funded through the PWP are eligible for reimbursement of 80-90% of their cost from the Federal Highway Administration and Federal Transit Administration through the North Carolina Department of Transportation.

A total budget of **\$716,990** is proposed for the Goldsboro Urban Area to carry out approved transportation planning activities for fiscal year 2015-2016. The PWP for the Goldsboro Urban Area identifies three separate funding sources for Urban Area Planning. A brief description of these funding sources follows:

- Federal Highway Administration Section 104(F) Funds- These funds are dedicated to the urban area to perform transportation planning. They require a 20% match.
- Federal Transit Administration Section 5303 Funds- These funds are used for transit planning in the urban area. The Federal Transit Administration provides 80% of these funds, NCDOT 10%, and there is a required 10% local match.
- Statewide Planning and Research Programs (SPR)-These funds are used by NCDOT to conduct transportation work for the Goldsboro Urban Area MPO.

Local match and work will be completed by the City of Goldsboro, Village of Walnut Creek, Town of Pikeville, and Wayne County. All local work will include administrative, manpower and consulting services.

Federal Requirements

SAFETEA-LU in concert with the Clean Air Act as Amended, envisions a transportation system that maximizes mobility and accessibility and protects the human and natural environments. This is achieved through a Continuing, Cooperative, and Comprehensive (3-C) transportation planning process that results in a long-range plan and short-range program of projects.

A metropolitan planning organization is required to develop a long-range plan and a short-range transportation improvement program that provide for the development and integrated management and operation of transportation systems and facilities (including accessible pedestrian walkways and bicycle transportation facilities) that will

function as an intermodal transportation system for the planning area and as an integral part of the intermodal transportation system for North Carolina and for the U. S. Major components that feed into the development of the long range plan and short range program are listed below.

Metropolitan Planning Factors & Federal Requirements

The Moving Ahead for Progress in the 21st Century (MAP-21), federal transportation legislation passed by U.S. Congress and signed by the President in 2012, defines specific planning factors to be considered when developing transportation plans and programs in a metropolitan area. Current legislation calls for MPOs to conduct planning that:

- Supports the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity and efficiency
- Increases the safety of the transportation system for motorized and non-motorized users
- Increases the security of the transportation system for motorized and non-motorized users
- Increase the accessibility and mobility options available to people and for freight
- Protects and enhances the environment, promotes energy conservation, and improves quality of life, and promotes consistency between transportation improvements and state and local planned growth and economic development patterns
- Enhances the integration and connectivity of the transportation system, across and between modes, for people and freight
- Promotes efficient system management and operation
- Emphasizes the preservation of the existing transportation system

Public Participation and Title VI

Federal legislation requires MPOs to include provisions in the planning process to ensure the involvement of the public in the development of transportation plans and programs including the Metropolitan Transportation Plan, the short-term Transportation Improvement Program, and the annual Unified Planning Work Program. In addition, MAP-21 places significant emphasis on broadening participation in transportation planning to include key stakeholders who have not traditionally been involved, including the business community, members of the public, community groups, and other governmental agencies. Effective public involvement will result in opportunities for the public to participate in the planning process.

The Goldsboro MPO's Public Participation Plan requires that the draft Planning Work Program (PWP) is reviewed by the Technical Coordinating Committee (TCC). The TCC meetings are open to the public and public comments can be provided. The TCC then endorses a draft PWP and forwards the document to the TAC. The draft PWP is then reviewed by the TAC. Public comments may be provided at this time. The final PWP comes back again to the TAC for approval. Upon TAC approval, the PWP is then forwarded on to the State and FHWA/FTA.

Metropolitan Transportation Plan/Transportation Improvement Program

The City of Goldsboro, lead planning agency for the Goldsboro MPO, is responsible for developing the Metropolitan Transportation Plan (MTP) for a 25-year time horizon and a Transportation Improvement Program (TIP) for a 7 year time horizon in cooperation with the State and with local transit operators. The MTP and TIP are produced through a planning process which involves the region's local governments, the North Carolina Department of Transportation (NCDOT), local jurisdictions and citizens of the region. Additionally, representatives from the local offices of the U.S. Department of Transportation (US DOT) Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) and the U.S. Environmental Protection Agency (US EPA) provide guidance and participate in the planning process.

The Metropolitan Transportation Plan (MTP) must include the following:

- Identification of transportation facilities (including major roadways, transit, multimodal and intermodal facilities and intermodal connectors) that function as an integrated metropolitan transportation system
- A discussion of types of potential environmental mitigation activities and potential areas to carry out these activities
- A financial plan that demonstrates how the adopted transportation plan can be implemented
- Operations and management strategies to improve the performance of existing transportation facilities to relieve vehicular congestion and maximize the safety and mobility of people and goods
- Capital investment and other strategies to preserve the existing and projected future metropolitan transportation infrastructure and provide for multimodal capacity increases based on regional priorities and needs.
- Proposed transportation and transit enhancement activities.

The Transportation Improvement Program (TIP) must include the following:

- A priority list of proposed federally supported projects and strategies to be carried out within the TIP period
- A financial plan that demonstrates how the TIP can be implemented
- Descriptions of each project in the TIP

PLANNING WORK PROGRAM NARRATIVE SECTION 104(F)
FISCAL YEAR 2015-2016

CITY OF GOLDSBORO
PLANNING AND COMMUNITY DEVELOPMENT DEPARTMENT
VILLAGE OF WALNUT CREEK
TOWN OF PIKEVILLE
WAYNE COUNTY PLANNING DEPARTMENT

(II-A) Surveillance of Change

II-A-1 Traffic Volume Counts

\$2,000 PL funds are budgeted to conduct ongoing traffic counts/TMC for locations throughout the MPO area.

II-A-2 Vehicle Miles of Travel

No PL funds budgeted for tasks associated with this line item.

II-A-3 Street System Mileage Changes

\$500 PL funds are budgeted to assist in periodically changing or adding to the major street system maintained by the MPO.

II-A-4 Traffic Accidents

\$1,000 PL funds budgeted to provide high accident data for possible future accident studies/operations complaints.

II-A-5 Transit System Data

\$1,000 PL funds are budgeted to assist in the collection of data for determining transit patronage, route changes, service miles, route ridership etc.

II-A-6 Dwelling Unit/Population Changes

\$1,000 PL funds are budgeted to maintain the existing inventory of dwelling units and population statistics.

II-A-7 Air Travel

No PL funds budgeted for tasks associated with this line item.

II-A-8 Vehicle Occupancy Counts

No PL funds budgeted for tasks associated with this line item.

II-A-9 Travel Time Studies

No PL funds budgeted for specific travel time studies that may be required during travel model calibration phase.

II-A-10 Mapping

\$15,000 PL funds are budgeted for the generation and/or maintenance of the Geographic Information System files for maps that support transportation plans, program and projects within the Goldsboro MPO Area by both the City and the County. Anticipated expenses include licensing of software (\$7,000), maintenance of centerline and address data (\$5,000), training (\$2,000) and miscellaneous expenses (\$1,000).

II-A-11 Central Area Parking Inventory

\$1,000 PL funds are budgeted for the maintenance of inventory data for both on- and off-street parking. Data collection will include parking policies, ownership and rates.

II-A-12 Bike & Facilities Inventory

\$1,000 PL funds are budgeted for the update and maintenance of significant municipal, state and federal bicycle and pedestrian transportation facilities.

II-A-13 Bike & Pedestrian Counts

\$500 PL funds are budgeted for the update of bike and pedestrian counts.

(II-B) Metropolitan Transportation Plan

II-B-1 Collection of Base Year Data

\$500 PL funds have been budgeted for any follow-up work on collection of demographic data in order to update housing and land use information.

II-B-2 Collection of Network Data

\$500 PL funds have been budgeted for any follow-up work on collection of network data necessary to build a base network for the travel model. In addition the

II-B-3 Travel Model Updates

\$500 PL funds have been budgeted to continue updates and standard practices of the travel demand model.

II-B-4 Travel Surveys

\$500 PL funds have been budgeted to perform travel surveys as necessary for the upcoming fiscal year.

II-B-5 Forecast of Data to Horizon Year

\$500 PL funds have been budgeted for the projection of planning data determined by the travel model for a new design year, to monitor significant land use changes and modify future year TAZ files accordingly.

II-B-6 Community Goals & Objectives

\$1,000 PL funds are budgeted to monitor public input in the evaluation of community goals and objectives set forth in the Metropolitan Range Transportation Plan.

II-B-7 Forecast of Future Travel Patterns

\$500 PL funds are budgeted for testing of different travel patterns that may result from using forecasted planning data as input to the travel forecast models.

II-B-8 Capacity Deficiency Analysis

No PL funds budgeted for tasks associated with this line item.

II-B-9 Highway Element of the MTP

\$1,000 PL funds have been budgeted for the identification of highway deficiencies, priorities, and proposed highway improvement solutions and strategies and to provide process documentation and recommendations in the MTP.

II-B-10 Transit Element of the MTP

\$500 PL funds are budgeted to identify public transportation deficiencies, priorities, and proposed transit solutions and strategies from the MTP.

II-B-11 Bicycle & Pedestrian Element of the MTP

\$500 PL funds have been budgeted for the identification of bicycle deficiencies, priorities, and proposed bicycle and pedestrian improvement solutions and strategies from the MTP.

II-B-12 Airport/Air Travel Element of MTP

\$500 PL funds are budgeted for the identification of airport and air service deficiencies, priorities, and proposed airport and air service improvement solutions and strategies from the MTP.

II-B-13 Collector Street Element of MTP

\$500 PL funds have been budgeted for the planning activities relative to traffic operations for the development of street systems and transit accessibility.

II-B-14 Rail, Water or Other Mode of MTP

\$500 PL funds have been budgeted for the planning activities relative to rail, water or other modes to be included in the MTP update.

II-B-15 Freight Movement/Mobility Planning

\$500 PL funds have been included for the identification of distribution centers relative to freight planning.

II-B-16 Financial Planning (\$1,000)

\$500 PL funds have been budgeted for identifying new and alternative funding sources, including new taxing strategies.

II-B-17 Congestion Management Strategies

\$1000 PL funds are budgeted to cover planning strategies associated with Transportation Demand Management, Access Control and Management, Traffic Operations Improvements, Incident Management and Growth Management. The Goldsboro MPO will also begin addressing performance measures requirements in

MAP-21.

II-B-18 Air Quality Planning/Conformity Analysis
No PL funds budgeted for this task.

(III-A) Planning Work Program

III-A Planning Work Program
\$4,000 PL funds are budgeted for the evaluation of FY 2015-16 PWP and development of FY 2016-2017 PWP.

(III-B) Transportation Improvement Program

III-B Transportation Improvement Program
\$4,000 PL funds are budgeted to assist in the development and approval of the 2012-2018 TIP.

(III-C) Civil Rights Compliance/Other Regulatory Requirements

III-C-1 Title VI
\$3,000 PL funds have been budgeted to insure compliance with requirements of Title VI in urban area policies and practices.

III-C-2 Environmental Justice
\$1,000 PL funds have been budgeted to provide update of Civil Rights statistics reports for submittal to FTA to determine MPO compliance with civil rights provisions.

III-C-3 Minority Business Enterprise
\$500 PL funds have been budgeted for this task to insure compliance requirements issued by FHWA involving planning activities are complying with E.O. 12898.

III-C-4 Planning for the Elderly & Disabled
\$500 PL funds have been budgeted to ensure that the special needs of the elderly and disabled are addressed in the transportation planning process.

III-C-5 Safety/Drug Control Planning
\$500 PL funds have been allocated for the Transportation Planning Branch to perform tasks associated with this item.

III-C-6 Public Involvement
\$15,000 PL funds are budgeted to provide an open exchange of information and ideas with the public concerning the Goldsboro Urbanized Area Study, Metropolitan Transportation Plan Update, and Special Studies.

III-C-7 Private Sector Participation

\$500 PL funds are budgeted for the involvement of the private sector concerning local transportation planning and project activities.

(III-D) Incidental Planning/Project Development

III-D-1 Transportation Enhancement Planning

\$1,000 PL funds have been budgeted to assist in planning activities associated with transportation enhancement tasks.

III-D-2 Environmental Analysis and Pre-Tip Planning

\$500 PL funds are budgeted for the Statewide Branch and Resource agencies to jointly recommend projects for Pre-Tip Planning.

III-D-3 Special Studies

\$551,990 PL funds are budgeted for a variety of consultant services as listed.

1.	Central Business District Traffic & Parking Analysis	\$80,000
2.	Way-finding Signage Master Plan (estimated rollover from FY 2015)	\$20,000
3.	Mountains-to-Sea-Trail Master Plan	\$125,000
4.	Ash Street Corridor Study	\$75,000
5.	Entryway/Roadway Corridor Plan	\$75,000
6.	Berkeley Blvd Corridor Study	\$75,000
7.	Safe Routes to School Action Plan	\$60,000
8.	Public Transit Activities (5303 funds)	\$41,990

III-D-4 Regional or Statewide Planning

\$2,000 PL funds are budgeted for the coordination of urban area activities with regional and statewide initiatives.

(III-E) Management & Operations

III-E Management & Operations

\$100,000 PL funds are budgeted for the Lead Planning Agency to perform necessary activities in order to continue a cooperative, comprehensive, and continuing transportation planning process for the Goldsboro Urban Area. Funds will allow for performance of required ongoing administrative and operational tasks to support MPO committees and reporting requirements. Funds will also allow for annual membership dues for the MPO to have a voting seat on the Hwy 70 Corridor Commission which is

occupied by the MPO Transportation Advisory Chair (\$5000). Funds will also support the potential for additional staff (Senior Planner) to devote 80% of their time to the Goldsboro MPO transportation planning process with the Assistant Planning Director devoting 50% of her time to the Goldsboro MPO.

**GOLDSBORO URBAN AREA
PLANNING WORK PROGRAM - FISCAL YEAR 2015-2016
(JULY 1, 2015 - JUNE 30, 2016)**

<u>Task Code</u>	<u>Description</u>	<u>Agency Responsible for Completing Work</u>		
<u>Surveillance of Change (II-A)</u>				
II-A-1	Traffic Volume Counts	GPD	\$	2,000
II-A-3	Street System Changes	GPD	\$	500
II-A-4	Traffic Accidents	GPD	\$	1,000
II-A-5	Transit System Data	GPD	\$	1,000
II-A-6	Dwelling Unit/Population Changes	GPD	\$	1,000
II-A-10	Mapping	GPD	\$	15,000
II-A-11	Central Area Parking Inventory	GPD	\$	1,000
II-A-12	Bicycle and Pedestrian Facilities Inventory	GPD	\$	1,000
II-A-13	Bike and Pedestrian Counts	GPD	\$	500
<u>Metropolitan Transportation Plan (II-B)</u>				
II-B-1	Collection of Base Year Data	GPD	\$	500
II-B-2	Collection of Network Data	GPD	\$	500
II-B-3	Travel Model Updates	GPD	\$	500
II-B-4	Travel Surveys	GPD	\$	500
II-B-5	Forecast of Data to Horizon Year	GPD	\$	500
II-B-6	Community Goals and Objectives	GPD	\$	1,000
II-B-7	Forecast of Future Travel Patterns	GPD	\$	500
II-B-9	Highway Element of the MTP	GPD	\$	1,000

II-B-10	Transit Element of the MTP	GPD	\$	500
II-B-11	Bicycle & Pedestrian Element of MTP	GPD	\$	500
II-B-12	Airport/Air Travel Element of MTP	GPD	\$	500
II-B-13	Collector Street Element of MTP	GPD	\$	500
II-B-14	Rail, Water or Other Mode of MTP	GPD	\$	500
II-B-15	Freight Movement/Mobility Planning	GPD	\$	500
II-B-16	Financial Planning	GPD	\$	500
II-B-17	Congestion Management Strategies	GPD	\$	1,000

Planning Work Program (III-A)

III-A	Planning Work Program	GPD	\$	4,000
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Transportation Improvement Program (III-B)

III-B	Transportation Improvement Program	GPD	\$	4,000
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Civil Rights Compliance/Other Regulatory Regulations (III-C)

III-C-1	Title VI	GPD	\$	3,000
III-C-2	Environmental Justice	GPD	\$	1,000
III-C-3	Minority Business Enterprise	GPD	\$	500
III-C-4	Planning for the Elderly and Disabled	GPD	\$	500
III-C-5	Safety/Drug Control Planning	GPD	\$	500
III-C-6	Public Involvement	GPD	\$	15,000
III-C-7	Private Sector Participation	GPD	\$	500

Incidental Planning/Project Development (III-D)

III-D-1	Transportation Enhancement Planning	GPD	\$	1,000
III-D-2	Environmental Analysis and Pre-Tip Planning	GPD	\$	500
III-D-3	Special Studies (\$551,990)	GPD	\$	110,398
		GPD-C	\$	441,592
III-D-4	Regional or Statewide Planning	GPD	\$	2,000

Management and Operations (III-E)

III-E	Management and Operations	GPD	\$	100,000
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NCDOT		Goldsboro Urban Area FY 2016 Planning Work Program Proposed Funding Source Tables - PL & ST-DA Breakdown										NCDOT 2/19/2015 12:55						
	Task Description	SPR		Sec. 104(f) & 133(b)(3)(7)		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Task Funding Summary			
		NCDOT 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 25%	NCDOT 25%	FTA 50%	Local	NCDOT	Federal	Total
II A	Surveillance of Change																	
II A	1 Traffic Volume Counts			400	1,600										400	-	1,600	2,000
	2 Vehicle Miles of Travel														-	-	-	-
	3 Street System Changes			100	400										100	-	400	500
	4 Traffic Accidents			200	800										200	-	800	1,000
	5 Transit System Data			200	800										200	-	800	1,000
	6 Dwelling Unit, Pop. & Emp. Change			200	800										200	-	800	1,000
	7 Air Travel														-	-	-	-
	8 Vehicle Occupancy Rates														-	-	-	-
	9 Travel Time Studies														-	-	-	-
	10 Mapping			3,000	12,000										3,000	-	12,000	15,000
	11 Central Area Parking Inventory			200	800										200	-	800	1,000
	12 Bike & Ped. Facilities Inventory			200	800										200	-	800	1,000
	13 Bike & Ped. Counts			100	400										100	-	400	500
III B	Metropolitan Transp. Plan																	
III B	1 Collection of Base Year Data			100	400										100	-	400	500
	2 Collection of Network Data			100	400										100	-	400	500
	3 Travel Model Updates			100	400										100	-	400	500
	4 Travel Surveys			100	400										100	-	400	500
	5 Forecast of Data to Horizon year			100	400										100	-	400	500
	6 Community Goals & Objectives			200	800										200	-	800	1,000
	7 Forecast of Future Travel Patterns			100	400										100	-	400	500
	8 Capacity Deficiency Analysis														-	-	-	-
	9 Highway Element of the MTP			200	800										200	-	800	1,000
	10 Transit Element of the MTP			100	400										100	-	400	500
	11 Bicycle & Ped. Element of the MTP			100	400										100	-	400	500
	12 Airport/Air Travel Element of LRTP			100	400										100	-	400	500
	13 Collector Street Element of MTP			100	400										100	-	400	500
	14 Rail, Water or other mode of MTP			100	400										100	-	400	500
	15 Freight Movement/Mobility Planning			100	400										100	-	400	500
	16 Financial Planning			100	400										100	-	400	500
	17 Congestion Management Strategies			200	800										200	-	800	1,000
	18 Air Qual. Planning/Conformity Anal.														-	-	-	-
II C	Short Range Transit Planning																	
II C	1 Short Range Transit Planning														-	-	-	-
III-A	Planning Work Program			800	3,200										800	-	3,200	4,000
III-B	Transp. Improvement Plan			800	3,200										800	-	3,200	4,000
III-C	Cvl Rgts. Cmp./Otr. Reg. Reqs.																	
III-C	1 Title VI			600	2,400										600	-	2,400	3,000
	2 Environmental Justice			200	800										200	-	800	1,000
	3 Minority Business Enterprise			100	400										100	-	400	500

NCDOT		Goldsboro Urban Area FY 2016 Planning Work Program Proposed Funding Source Tables - PL & ST-DA Breakdown										NCDOT 2/19/2015 12:55						
	Task Description	SPR Highway		Sec. 104(f) & 133(b)(3)(7)		Section 5303 Highway/Transit			Section 5307 Transit			Section 5309 Transit			Task Funding Summary			
		NCDOT 20%	FHWA 80%	Local 20%	FHWA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%	Local 25%	NCDOT 25%	FTA 50%	Local	NCDOT	Federal	Total
	4 Planning for the Elderly & Disabled			100	400										100	-	400	500
	5 Safety/Drug Control Planning			100	400										100	-	400	500
	6 Public Involvement			3,000	12,000										3,000	-	12,000	15,000
	7 Private Sector Participation			100	400										100	-	400	500
III- D	Incidental Ping./Project Dev.														-	-	-	-
1	Transportation Enhancement Ping.			200	800										-	-	-	-
2	Enviro. Analysis & Pre-TIP Ping.			100	400										200	-	800	1,000
3	Special Studies			102,000	408,000	4,199	4,199	33,592							106,199	4,199	441,592	551,990
4	Regional or Statewide Planning			400	1,600										400	-	1,600	2,000
III- E	Management & Operations																	
1	Management & Operations			20,000	80,000										20,000	-	80,000	100,000
Totals		\$0	\$0	\$133,000	\$540,000	\$4,199	\$4,199	\$33,592	\$0	\$0	\$0	\$0	\$0	\$0	\$139,199	\$4,199	\$573,592	\$716,990